



STATE OF MISSOURI  
DEPARTMENT OF NATURAL RESOURCES  
AIR POLLUTION CONTROL PROGRAM  
P.O. BOX 176, JEFFERSON CITY, MO 65102  
**APPLICATION FOR AUTHORITY TO OPERATE**

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**NOTE: Please read all instructions to assist in completing all forms properly.**

**FORM OP-A01 – Section A**

**A01.00 – GENERAL APPLICATION INFORMATION**

All applications MUST be in duplicate and accompanied by a single \$100 filing fee.

1. INSTALLATION NAME		FIPS	PLANT NO.	YEAR SUBMITTED
INSTALLATION STREET ADDRESS			COUNTY NAME	
CITY	STATE MO	ZIP CODE	INSTALLATION TELEPHONE NO. ( ) -	
INSTALLATION MAILING ADDRESS			INSTALLATION FAX NO. ( ) -	
CITY	STATE	ZIP CODE	MO SENATORIAL DISTRICT NO.	
INSTALLATION CONTACT PERSON MR. <input type="checkbox"/> MS. <input type="checkbox"/>			MO REPRESENTATIVE DISTRICT NO.	
CONTACT PERSON TITLE		CONTACT PERSON E-MAIL		
2. PARENT COMPANY NAME		MAILING ADDRESS		
CITY	STATE	ZIP CODE		
PARENT COMPANY CONTACT PERSON MR. <input type="checkbox"/> MS. <input type="checkbox"/>		TELEPHONE NUMBER ( ) -		
PARENT COMPANY CONTACT PERSON TITLE		CONTACT PERSON E-MAIL		

**3. TYPE OF APPLICATION**

<input type="checkbox"/> PART 70 (MAJOR) <input type="checkbox"/> INITIAL <input type="checkbox"/> RENEWAL	<input type="checkbox"/> OFF-PERMIT CHANGE <input type="checkbox"/> ADMINISTRATIVE AMENDMENT	<input type="checkbox"/> MINOR MODIFICATION <input type="checkbox"/> SIGNIFICANT MODIFICATION
<input type="checkbox"/> INTERMEDIATE STATE <input type="checkbox"/> INITIAL	<input type="checkbox"/> RENEWAL	<input type="checkbox"/> AMENDMENT
<input type="checkbox"/> BASIC STATE <input type="checkbox"/> INITIAL	<input type="checkbox"/> RENEWAL	<input type="checkbox"/> AMENDMENT

**4. APPLICANT'S CERTIFICATION STATEMENT**

*"I certify, based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete."*

SIGNATURE OF RESPONSIBLE OFFICIAL OF COMPANY		DATE / /
TYPE OR PRINT NAME OF RESPONSIBLE OFFICIAL Mr. <input type="checkbox"/> Ms. <input type="checkbox"/>		TELEPHONE NUMBER ( ) -
OFFICIAL TITLE OF RESPONSIBLE OFFICIAL	RESPONSIBLE OFFICIAL E-MAIL	

FORM OP-A02 – APPLICATION FOR AUTHORITY TO OPERATE – SECTION A					
A02.00 – APPLICATION FOR AUTHORITY TO OPERATE					
INSTALLATION NAME			FIPS	PLANT NO.	YEAR SUBMITTED
<b>1. LIST THE INSTALLATION'S PRINCIPAL PRODUCT(S).</b>					
PRINCIPAL PRODUCT(S)				TWO-DIGIT SIC CODE	
<b>2. LIST ALL OF THE INSTALLATION'S PROCESSES.</b>					
PROCESSES				TWO-DIGIT SIC CODE	
<b>3. HAS THE INSTALLATION SUBMITTED AN EMISSION INVENTORY QUESTIONNAIRE (EIQ) IN THE PAST FIVE YEARS?</b>					
YES <input type="checkbox"/>		NO <input type="checkbox"/> If No, submit one (1) copy of a completed EIQ with this application and complete the table below.			
<b>IF NO, INDICATE THE NUMBER OF EACH EIQ FORM SUBMITTED WITH THE APPLICATION.</b>					
	1.1	Process Flow Diagram		2.3	VOC Process Mass-Balance Worksheet
	1.2	Summary of Emission Points		2.4	Petroleum Loading Worksheet
	2.0	Emission Point Information		2.5	Organic Liquid Storage-Fixed Roof Tank
	2.0C	Control Device Information		2.5L	General Liquid Storage Tank Information
	2.0P	Portable Plant Information		2.6	Organic Liquid Storage-Floating Roof Tank
	2.0S	Stack Information		2.7	Haul Road Fugitive Emissions Worksheet
	2.0Z	Ozone Season Information		2.8	Storage Pile Worksheet
	2.1	Fuel Combustion Worksheet		2.9	Stack Test/Continuous Emission Monitoring Worksheet
	2.2	Incinerator Worksheet		2.T	Hazardous Air Pollutant Worksheet
<b>4. INDICATE THE NUMBER OF EACH APPLICATION FORM, LISTED BELOW, INCLUDED WITH THIS APPLICATION.</b>					
	C01.00	Insignificant Activities Required To Be Listed		D03.20	Combustion Turbines and Internal Combustion Engines
	D01.00	Existing Plant-Wide Conditions		D03.30	Spray Booths
	D02.00	Proposed Plant-Wide Conditions		D04.00	Alternate Operating Scenario/Voluntary Conditions
	D03.00	General Emission Unit		D05.00	Compliance Determination
	D03.10	Indirect Heating Sources		F01.00	General Comments

**FORM OP-B01 – APPLICABLE REQUIREMENTS CHECKLIST – SECTION B****B01.00 – Applicable Requirements Checklist**

INSTALLATION NAME	FIPS	PLANT NO.	YEAR SUBMITTED
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**ENTIRE STATE OF MISSOURI**  
(NOTE: ALL INSTALLATIONS MUST SUBMIT FORM OP-B01.00)

**1. STATE ADMINISTRATIVE PERMIT REQUIREMENTS**

APPLICABILITY			TITLE	ORGANIZATION
YES	NO	REASON		
	X	J	10 CSR 10-6.010	Ambient Air Quality Standards <sup>1</sup>
	X	J	10 CSR 10-6.020	Definitions and Common Reference Tables <sup>1</sup>
	X	J	10 CSR 10-6.030	Sampling Methods for Air Pollution Sources <sup>1</sup>
	X	J	10 CSR 10-6.040	Reference Methods <sup>1</sup>
	X	J	10 CSR 10-6.300	Conformity of General Federal Actions to State Implementation Plans <sup>1</sup>
	X	J	10 CSR 10-6.320	Sales Tax Exemption <sup>2</sup>

**2. CORE PERMIT REQUIREMENTS**

TITLE	ORGANIZATION
10 CSR 10-6.050	Start-Up, Shutdown, and Malfunction Conditions <sup>1</sup>
10 CSR 10-6.060	Construction Permits Required <sup>1</sup>
10 CSR 10-6.065	Operating Permits <sup>1</sup>
10 CSR 10-6.110	Submission of Emission Data, Emission Fees and Process Information <sup>1</sup>
10 CSR 10-6.130	Controlling during Episodes of High Air Pollution <sup>1</sup>
10 CSR 10-6.140	Restrictions of Emissions Credit for Reduced Pollutant Concentrations from the use of Dispersion Techniques <sup>1</sup>
10 CSR 10-6.150	Circumvention <sup>1</sup>
10 CSR 10-6.170	Restriction of Particulate Matter to the Ambient Air Beyond the Premises of Origin <sup>1</sup>
10 CSR 10-6.180	Measurement of Emissions of Air Contaminants <sup>1</sup>
10 CSR 10-6.210	Confidential Information <sup>1</sup>
10 CSR 10-6.230	Administrative Penalties <sup>2</sup>
10 CSR 10-6.250	Asbestos Abatement Projects-Certification, Accreditation, and Business Exemption Requirements <sup>2</sup>
10 CSR 10-6.280	Compliance Monitoring Usage <sup>1</sup>

**3. STATE APPLICABLE REQUIREMENTS**

APPLICABILITY			TITLE	ORGANIZATION
YES	NO	REASON		
			10 CSR 10-6.070	New Source Performance Regulations ( <b>NOTE:</b> if yes, check specific subpart on Form OP-BO2.00) <sup>2</sup>
			10 CSR 10-6.075	Maximum Achievable Control Technology Regulations ( <b>NOTE:</b> if yes, check specific subpart Form OP-BO3.00) <sup>2</sup>
			10 CSR 10-6.080	Emission Standards for Hazardous Air Pollutants ( <b>NOTE:</b> if yes, check specific subpart Form OP-BO4.00) <sup>2</sup>
			10 CSR 10-6.090	Restriction of Emission of Fluorides From Primary Aluminum Reduction Installations <sup>1</sup>
			10 CSR 10-6.100	Alternate Emission Limits For Ozone Nonattainment Areas <sup>2</sup>
			10 CSR 10-6.120	Restriction of Emissions of Lead From Specific Lead Smelter-Refinery Installations <sup>1</sup>
			10 CSR 10-6.200	Hospital, Medical, Infectious Waste Incinerators <sup>1</sup>
			10 CSR 10-6.220	Restriction of Emission of Visible Air Contaminants <sup>1</sup>
			10 CSR 10-6.240	Asbestos Abatement Projects—Registration, Notification and Performance Requirements <sup>2</sup>
			10 CSR 10-6.260	Restriction of Emission of Sulfur Compounds <sup>1</sup>
			10 CSR 10-6.270	Acid Rain Source Permits Required – If Applicable, Submit Acid Rain Permit Applications to the EPA <sup>2</sup>
			10 CSR 10-6.310	Restriction of Emissions From Municipal Solid Waste Landfills <sup>1</sup>
			10 CSR 10-6.330	Restriction of Emissions From Batch-Type Charcoal Kilns <sup>1</sup>
			10 CSR 10-6.350	Emission Limitations and Emissions Trading of Oxides of Nitrogen <sup>1</sup>
			10 CSR 10-6.400	Restriction of Emission of Particulate Matter From Industrial Processes <sup>1</sup>

<sup>1</sup> Federal, State and Local Agency Enforceable Regulation<sup>2</sup> State and Local Agency Enforceable Regulation

FORM OP-B02 – APPLICABLE REQUIREMENTS CHECKLIST – SECTION B						
B02.00 – Applicable Requirements Checklist						
INSTALLATION NAME			FIPS	PLANT NO.	YEAR SUBMITTED	
<b>NEW SOURCE PERFORMANCE REGULATIONS - 10 CSR 10-6.070</b> (NOTE: IF CHECKED YES ON FORM OP-B01.00 FOR 10 CSR 10-6.070, PLEASE IDENTIFY SPECIFIC SUBPART. IF CHECKED NO, THIS FORM DOES NOT NEED TO BE SUBMITTED. ALL STANDARDS ARE FEDERALLY ENFORCEABLE.)						
APPLICABILITY			TITLE	ORGANIZATION		
YES	NO	REASON	SUBPART	(40 CFR PART 60 NEW SOURCE PERFORMANCE STANDARDS)		
			A	General Provisions		
			B	Adoption and Submittal of State Plans for Designated Facilities		
			C	Emission Guidelines and Compliance Times		
			Ca	Emission Guidelines and Compliance Times for Municipal Waste Combustors		
			Cb	Emission Guidelines and Compliance Times for Municipal Waste Combustors that are Constructed on or before 12/19/95		
			Cc	Emission Guidelines and Compliance Times for Municipal Solid Waste Landfills		
			Cd	Emission Guidelines and Compliance Times for Sulfuric Acid Production Units		
			Ce	Emission Guidelines and Compliance Times for Hospital/Medical/Infectious Waste Incinerators		
			D	Fossil-Fuel Fired Steam Generators (construction started after 8/17/71)		
			Da	Electric Utility Steam Generating Units (construction started after 9/18/78)		
			Db	Industrial-Commercial-Institutional Steam Generating Units		
			Dc	Small Industrial-Commercial-Institutional Steam Generating Units		
			E	Incinerators		
			Ea	Municipal Waste Combustors Constructed Between 12-20-89 / 9-20-94		
			Eb	Municipal Waste Combustors After 9-20-94		
			Ec	Hospital/Medical/Infectious Waste Incinerators Constructed After 6-20-96		
			F	Portland Cement Plants		
			G	Nitric Acid Plants		
			H	Sulfuric Acid Plants		
			I	Asphalt / Concrete Plants		
			J	Petroleum Refineries		
			K	Storage vessels for Petroleum Liquids which construction, reconstruction or Modification started between (6/11/73 – 5/19/78)		
			Ka	Storage Vessels for Petroleum Liquids 5/19/78 – 7/23/84		
			Kb	Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) after 7/23/84		
			L	Secondary Lead Smelters		
			M	Secondary Brass and Bronze Production Plants		
			N	Primary Emissions from Basic Oxygen Process Furnaces (construction after 6/11/73)		
			Na	Secondary Emissions from Basic Oxygen Process Steelmaking Facilities (Construction started after 1/20/83)		
			O	Sewage Treatment Plants		
			P	Primary Copper Smelters		
			Q	Primary Zinc Smelters		
			R	Primary Lead Smelters		
			S	Primary Aluminum Reduction Plants		
			T	Phosphate Fertilizer Industry; Wet-Process Phosphoric Acid Plants		
			U	Phosphate Fertilizer Industry; Superphosphoric Acid Plants		
			V	Phosphate Fertilizer Industry; Diammonium Phosphate Plants		
			W	Phosphate Fertilizer Industry; Triple Superphosphate Plants		
			X	Phosphate Fertilizer Industry; Granular Triple Superphosphate Storage Facilities		
			Y	Coal Preparation Plants		
			Z	Ferroalloy Production Facilities		
			AA	Steel Plants Electric Arc Furnaces (Constructed from 11/21/74 to 8/17/83)		
			AAa	Steel Plants Electric Arc Furnaces and Argon-oxygen Decarburization Vessels (Constructed after 8/7/83)		
			BB	Kraft Pulp Mills		
			CC	Glass Manufacturing Plants		
			DD	Grain Elevators		
			EE	Surface Coating of Metal Furniture		

**FORM OP-B02 – APPLICABLE REQUIREMENTS CHECKLIST – SECTION B**
**B02.00 – Applicable Requirements Checklist**

INSTALLATION NAME			FIPS	PLANT NO.	YEAR SUBMITTED
<b>NEW SOURCE PERFORMANCE REGULATIONS - 10 CSR 10-6.070 (CONTINUED)</b> (NOTE: IF CHECKED YES ON FORM OP-B01.00 FOR 10 CSR 10-6.070, PLEASE IDENTIFY SPECIFIC SUBPART. IF CHECKED NO, THIS FORM DOES NOT NEED TO BE SUBMITTED. ALL STANDARDS ARE FEDERALLY ENFORCEABLE.)					
APPLICABILITY			TITLE	ORGANIZATION	
YES	NO	REASON	SUBPART	(40 CFR PART 60 NEW SOURCE PERFORMANCE STANDARDS)	
			FF	[Reserved]	
			GG	Stationary Gas Turbines	
			HH	Lime Manufacturing Plants	
			KK	Lead-Acid Battery Manufacturing	
			LL	Metallic Mineral Processing Plants	
			MM	Automobile and Light-Duty Truck Surface Coating Operations	
			NN	Phosphate Rock Plants	
			PP	Ammonium Sulfate Manufacture	
			QQ	Graphic Arts Industry; Publication Rotogravure Printing	
			RR	Pressure Sensitive Tape and Label Surface Coating Operations	
			SS	Industrial Surface Coating Large Appliances	
			TT	Metal Coil Surface Coating	
			UU	Asphalt Processing and Asphalt Roofing Manufacture	
			VV	Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry	
			WW	Beverage Can Surface Coating Industry	
			XX	Bulk Gasoline Terminals	
			AAA	New Residential Wood Heaters	
			BBB	Rubber Tire Manufacturing Industry	
			CCC	[Reserved]	
			DDD	Polymer Manufacturing Industry	
			EEE	[Reserved]	
			FFF	Flexible Vinyl and Urethane Coating and Printing	
			GGG	Equipment Leaks of VOC in Petroleum Refineries	
			HHH	Synthetic Fiber Production Facilities	
			III	VOC Emissions from SOCM I Air Oxidation Unit Processes	
			JJJ	Petroleum Dry Cleaners	
			KKK	Equipment Leaks of VOC from Onshore Natural Gas Processing	
			LLL	Onshore Natural Gas Processing-SO <sub>2</sub> Emissions	
			MMM	[Reserved]	
			NNN	VOC Emissions from SOCM I Distillation Operations	
			OOO	Nonmetallic Mineral Processing Plants	
			PPP	Wool Fiberglass Insulation Manufacturing Plants	
			QQQ	VOC Emissions form Petroleum Refinery Wastewater Systems	
			RRR	Synthetic Organic Chemical Manufacturing Reactor Processes	
			SSS	Magnetic Tape Coating Facilities	
			TTT	Industrial Surface Coating of Plastic Parts for Business Machines	
			UUU	Calciners and Dryers in Mineral Industries	
			VVV	Polymeric Coating of Supporting Substrates Facilities	
			WWW	Landfills	
			AAAA	Small Municipal Waste Combustion Units (started after 8/30/99, Modifications or Reconstruction after 6/6/01)	
			CCCC	Commercial and Industrial Solid Waste Incineration Units for Which Construction is Commenced After November 30, 1999 or for which Modification or Reconstruction is Commenced on or After June 1, 2001	

**FORM OP-B03 – APPLICABLE REQUIREMENTS CHECKLIST – SECTION B****B03.00 – Applicable Requirements Checklist**

INSTALLATION NAME				FIPS	PLANT NO.	YEAR SUBMITTED
<b>MAXIMUM ACHIEVABLE CONTROL TECHNOLOGY REGULATIONS - 10 CSR 10-6.075</b> (NOTE: IF CHECKED YES ON FORM OP-B01.00 FOR 10 CSR 10-6.075, PLEASE IDENTIFY THE SPECIFIC SUBPART. IF YOU CHECKED NO, THIS FORM DOES NOT NEED TO BE SUBMITTED. ALL STANDARDS ARE FEDERALLY ENFORCEABLE.)						
APPLICABILITY			TITLE SUBPART	ORGANIZATION (40 CFR PART 63 NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES)		
YES	NO	REASON				
			A	General Provisions		
			B	Requirements for Control Technology Determinations for Major Sources in Accordance with Clean Air Act Sections, Sections 112(g) and 112(j)		
			F	Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry		
			G	Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater		
			H	Organic Hazardous Air Pollutants for Equipment Leaks		
			I	Organic Hazardous Air Pollutants for Certain Process Subject to the Negotiated Regulation for Equipment Leaks		
			J	Polyvinyl Chloride Copolymers Production		
			K	[Reserved]		
			L	Coke Oven Batteries		
			M	Perchloroethylene Air Emission for Dry Cleaning		
			N	Chromium Emissions from Hard and Decorative Chromium Electroplating and from Chromium Anodizing Tanks		
			O	Ethylene Oxide Emission for Sterilization Facilities		
			Q	Hazardous Air Pollutants for Industrial Process Cooling Towers		
			R	Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)		
			S	Hazardous Air Pollutants from the Pulp and Paper Industry		
			T	Halogenated Solvent Cleaning		
			U	Group I Polymers and Resins		
			W	Epoxy Resins Production and Non-Nylon Polyamides Production		
			X	Hazardous Air Pollutants from Secondary Lead Smelting		
			Y	National Emission Standards for Marine Vessel Loading and Unloading Operations		
			Z	[Reserved]		
			AA	Hazardous Air Pollutants from Phosphoric Acid Manufacturing Plants		
			BB	Hazardous Air Pollutants from Phosphate Fertilizer Production Plants		
			CC	Hazardous Air Pollutants; Petroleum Refineries		
			DD	Off-Site Waste and Recovery Operations		
			EE	Magnetic Tape Manufacturing Operations		
			FF	[Reserved]		
			GG	Hazardous Air Pollutants for Source Categories: Aerospace Manufacturing and Rework Facilities		
			HH	Hazardous Air Pollutants from Oil and Natural Gas Production Facilities		
			II	Hazardous Air Pollutants for Shipbuilding & Ship Repair (Surface Coating) Operations		
			JJ	Hazardous Air Pollutant Emissions from Wood Furniture Manufacturing		
			KK	Printing and Publishing Industry		
			LL	Hazardous Air Pollutants for Primary Aluminum Reduction Plants		
			MM	Chemical Recovery Combustion Sources at Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mills		
			OO	Tanks—Level 1		
			PP	Containers		
			QQ	Surface Impoundments		
			RR	Individual Drain Systems		
			SS	Closed Vent Systems, Control Devices, Recovery Devices and Routing to a Fuel Gas System or a Process		
			TT	Equipment Leaks—Control Level 1		
			UU	Equipment Leaks—Control Level 2 Standards		
			VV	Oil Water Separators and Organic-Water Separators		
			WW	Storage Vessels (tanks)—Control Level 2		
			YY	Hazardous Air Pollutants for Source Categories: Generic Maximum Available Control Technology Standards		

FORM OP-B03 – APPLICABLE REQUIREMENTS CHECKLIST – SECTION B				
B03.00 – Applicable Requirements Checklist				
INSTALLATION NAME			FIPS	PLANT NO.
YEAR SUBMITTED				
<b>MAXIMUM ACHIEVABLE CONTROL TECHNOLOGY REGULATIONS - 10 CSR 10-6.075 (CONTINUED)</b> (NOTE: IF CHECKED YES ON FORM OP-B01.00 FOR 10 CSR 10-6.075, PLEASE IDENTIFY THE SPECIFIC SUBPART. IF YOU CHECKED NO, THIS FORM DOES NOT NEED TO BE SUBMITTED. ALL STANDARDS ARE FEDERALLY ENFORCEABLE.)				
APPLICABILITY			TITLE SUBPART	ORGANIZATION (40 CFR PART 63 NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES)
YES	NO	REASON		
			CCC	Steel Pickling HCl Process Facilities and Hydrochloric Acid Regeneration Plants
			DDD	Hazardous Air Pollutants for Mineral Wool Production
			EEE	Hazardous Air Pollutants from Hazardous Waste Combustors
			FFF	[Reserved]
			GGG	Pharmaceuticals Production
			HHH	Hazardous Air Pollutants from Natural Gas Transmission and Storage Facilities
			III	Hazardous Air Pollutants for Flexible Polyurethane Foam Production
			JJJ	Hazardous Air Pollutant Emissions: Group IV Polymers and Resins
			LLL	Hazardous Air Pollutants from the Portland Cement Manufacturing Industry
			MMM	Hazardous Air Pollutants for Pesticide Active Ingredient Production
			NNN	Hazardous Air Pollutants for Wool Fiberglass Manufacturing
			OOO	Manufacture of Amino/Phenolic Resins
			PPP	Hazardous Air Pollutant Emissions for Polyether Polyols Production
			QQQ	Primary Copper Smelting
			RRR	Secondary Aluminum Production
			SSS	[Reserved]
			TTT	Hazardous Air Pollutants for Primary Lead Smelting
			UUU	Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units
			VVV	Hazardous Air Pollutants: Publicly Owned Treatment Works
			WWW	[Reserved]
			XXX	Hazardous Air Pollutants for Ferroalloys Production: Ferromanganese and Silicomanganese
			AAAA	Municipal Solid Waste Landfills (Proposed 11/07/2000 and 5/23/02)
			CCCC	Manufacturing of Nutritional Yeast
			DDDD	Plywood and Composite Wood Products (Yet to be proposed)
			EEEE	Organic Liquid Distribution (non-gasoline) (Proposed 4/2/02)
			FFFF	Miscellaneous Organic Chemical Manufacturing (Proposed 4/4/02)
			GGGG	Solvent Extraction for Vegetable Oil Production
			HHHH	Wet Formed Fiberglass Mat Production
			IIII	Automobile and Light Duty Truck Coating/Manufacturing (Yet to be proposed)
			JJJJ	Paper and Other Web Coating (Proposed 9/13/00)
			KKKK	Surface Coating of Metal Cans (Yet to be proposed)
			MMMM	Surface Coating of Miscellaneous Metal Parts and Products (Proposed 8/13/02)
			NNNN	Surface Coating of Large Appliances
			OOOO	Printing, Coating and Dyeing of Fabrics and Other Textiles (Proposed 7/11/02)
			PPPP	Surface Coating of Plastic Parts (Yet to be proposed)
			QQQQ	Surface Coating of Wood Building Products (Proposed 6/21/02)
			RRRR	Surface Coating of Metal Furniture (Proposed 4/24/02)
			SSSS	Surface Coating of Metal Coil
			TTTT	Leather Finishing Operations
			UUUU	Cellulose Production Manufacturing
			VVVV	Boat Manufacturing
			WWWW	Reinforced Plastic Composites Production (Proposed 8/02/01)
			XXXX	Rubber Tire Manufacturing
			YYYY	Combustion Turbines (Yet to be Proposed)
			ZZZZ	Reciprocating Internal Combustion Engines (RICE) (Yet to be Proposed)
			AAAAA	Lime Manufacturing (Yet to be Proposed)
			BBBBB	Semiconductor Manufacturing (Proposed 5/08/02)
			CCCCC	Coke Ovens: Pushing, Quenching and Battery Stacks (Proposed 7/03/01)
			DDDDD	Industrial, Commercial and Institutional Boilers and Process Heaters (Yet to be Proposed)
			EEEEE	Iron Foundries (Yet to be Proposed)
			FFFFF	Integrated Iron and Steel Manufacturing (Proposed 7/10/01)

FORM OP-B03 – APPLICABLE REQUIREMENTS CHECKLIST – SECTION B				
B03.00 – Applicable Requirements Checklist				
INSTALLATION NAME			FIPS	PLANT NO.
				YEAR SUBMITTED
<b>MAXIMUM ACHIEVABLE CONTROL TECHNOLOGY REGULATIONS - 10 CSR 10-6.075 (CONTINUED)</b> (NOTE: IF CHECKED YES ON FORM OP-B01.00 FOR 10 CSR 10-6.075, PLEASE IDENTIFY THE SPECIFIC SUBPART. IF YOU CHECKED NO, THIS FORM DOES NOT NEED TO BE SUBMITTED. ALL STANDARDS ARE FEDERALLY ENFORCEABLE.)				
APPLICABILITY			TITLE SUBPART	ORGANIZATION (40 CFR PART 63 NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES)
YES	NO	REASON		
			GGGGG	Site Remediation <b>(Proposed 7/30/02)</b>
			HHHHH	Miscellaneous Coating Manufacturing (MON) <b>(Proposed 4/04/02)</b>
			IIIII	Mercury Emissions from Mercury Cell Chlor-Alkali Plants <b>(Proposed 7/03/02)</b>
			JJJJJ	Brick and Structural Clay Products Manufacturing <b>(Proposed 7/22/02)</b>
			KKKKK	Clay Ceramics Manufacturing <b>(Proposed 7/22/02)</b>
			LLLLL	Asphalt Roofing and Processing <b>(Proposed 11/21/01)</b>
			MMMMM	Flexible Polyurethane Foam Fabrication Operations <b>(Proposed 08/8/01)</b>
			NNNNN	Hydrochloric Acid Production <b>(Proposed 9/18/01)</b>
			PPPPP	Engine Test Cells/Stands <b>(Proposed 5/14/02)</b>
			QQQQQ	Friction Parts Manufacturing <b>(Proposed 10/04/01)</b>
			RRRRR	Taconite Iron Ore Processing <b>(Yet to be Proposed)</b>
			SSSSS	Refractory Products Manufacturing <b>(Proposed 7/20/02)</b>



**FORM OP-B04 – APPLICABLE REQUIREMENTS CHECKLIST – SECTION B**
**B04.00 – Applicable Requirements Checklist**

INSTALLATION NAME			FIPS	PLANT NO.	YEAR SUBMITTED
<b>EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS - 10CSR 10-6.080</b> (NOTE: If checked yes on Form OP-B01.00 for 10 CSR 10-6.080, please identify the specific subpart. If checked no, this form does not need to be submitted. All standards are federally enforceable.)					
APPLICABILITY			TITLE	ORGANIZATION	
YES	NO	REASON	SUBPART	(40 CFR PART 61 NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS)	
			A	General Provisions	
			B	Radon Emissions from Underground Uranium Mines	
			C	Beryllium	
			D	Beryllium Rocket Motor Firing	
			E	Mercury	
			F	Vinyl Chloride	
			G	[Reserved]	
			H	Emissions of Radionuclides Other Than Radon From Department of Energy Facilities	
			I	Radionuclides Emissions from Federal Facilities Other Than Nuclear Regulatory Commission Licensees and Not Covered by Subpart H	
			J	Equipment Leaks (Fugitive Emission Sources) of Benzene	
			K	Radionuclide Emission from Elemental Phosphorous Plants	
			L	Benzene Emissions from Coke By-Products Recovery Plants	
			M	Asbestos	
			N	Inorganic Arsenic Emissions from Glass Manufacturing Plants	
			O	Inorganic Arsenic Emissions from Primary Copper Smelters	
			P	Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities	
			Q	Radon Emissions from Department of Energy Facilities	
			R	Radon Emissions from Phosphogypsum	
			S	Radon Emissions from Surface Uranium Mines ( <b>proposed 3/07/89</b> )	
			T	Radon Emissions from the Disposal of Uranium Mill Tailings	
			U	[Reserved]	
			V	Equipment Leaks (Fugitive Emission Sources)	
			W	Radon Emissions from Operating Mill Tailings	
			X	[Reserved]	
			Y	Benzene Emissions from Benzene Storage Vessels	
			Z	[Reserved]	
			AA	[Reserved]	
			BB	Benzene Emissions from Benzene Transfer Operations	
			FF	Benzene Waste Operations	

FORM OP-B05 – APPLICABLE REQUIREMENTS CHECKLIST – SECTION B				
B05.00 – Applicable Requirements Checklist				
INSTALLATION NAME			FIPS	PLANT NO.
YEAR SUBMITTED				
<b>KANSAS CITY METROPOLITAN AREA</b>				
(NOTE: PLEASE INCLUDE FORM OP-B05.00 IF LOCATED WITHIN THE FOLLOWING COUNTIES: BUCHANAN, CASS, CLAY, JACKSON, PLATTE AND RAY)				
<b>1. STATE ADMINISTRATIVE PERMIT REQUIREMENTS</b>				
APPLICABILITY			TITLE	ORGANIZATION
YES	NO	REASON		
	X	J	10 CSR 10-2.150	Time Schedule for Compliance <sup>1</sup>
	X	J	10 CSR 10-2.390	Conformity to State or Federal Implementation Plans of Transportation Plans, Programs, and Projects Developed, Funded or Approved Under Title 23 U.S.C. or the Federal Transit Laws <sup>1</sup>
<b>2. CORE PERMIT REQUIREMENTS</b>				
TITLE			Organization	
10 CSR 10-2.070			Restriction of Emission of Odors <sup>2</sup>	
10 CSR 10-2.100			Open Burning Restrictions <sup>1</sup>	
<b>3. APPLICABLE REQUIREMENTS</b>				
APPLICABILITY			TITLE	ORGANIZATION
YES	NO	REASON		
			10 CSR 10-2.040	Maximum Allowable Emission of Particulate Matter From Fuel Burning Equipment Used for Indirect Heating <sup>1</sup>
			10 CSR 10-2.080	Emission of Visible Air Contaminates From Internal Combustion Engines <sup>3</sup>
			10 CSR 10-2.205	Control of Emissions From Aerospace Manufacture and Rework Facilities <sup>1</sup>
			10 CSR 10-2.210	Control of Emissions From Solvent Metal Cleaning <sup>1</sup>
			10 CSR 10-2.215	Control of Emissions From Solvent Cleanup Operations <sup>1</sup>
			10 CSR 10-2.220	Liquefied Cutback Asphalt Paving Restricted <sup>1</sup>
			10 CSR 10-2.230	Control of Emissions From Industrial Surface Coating Operations <sup>1</sup>
			10 CSR 10-2.260	Control of Petroleum Liquid Storage, Loading and Transfer <sup>1</sup>
			10 CSR 10-2.280	Control of Emissions From Perchloroethylene Dry Cleaning Installations <sup>1</sup>
			10 CSR 10-2.290	Control of Emissions From Rotogravure and Flexographic Printing Facilities <sup>1</sup>
			10 CSR 10-2.300	Control of Emissions From the Manufacturing of Paints, Varnishes, Lacquers, Enamels and Other Allied Surface Coating Products <sup>1</sup>
			10 CSR 10-2.310	Control of Emissions From the Application of Automotive Underbody Deadeners <sup>1</sup>
			10 CSR 10-2.320	Control of Emissions From Production of Pesticides and Herbicides <sup>1</sup>
			10 CSR 10-2.330	Control of Gasoline Reid Vapor Pressure <sup>1</sup>
			10 CSR 10-2.340	Control of Emissions From Lithographic Printing Facilities <sup>1</sup>
			10 CSR 10-2.360	Control of Emissions From Bakery Ovens <sup>1</sup>
<sup>1</sup> Federal, State and Local Agency Enforceable Regulation <sup>2</sup> State and Local Agency Enforceable Regulation <sup>3</sup> Only Federally Enforced Regulation				

**FORM OP-B06 – APPLICABLE REQUIREMENTS CHECKLIST – SECTION B****B06.00 – Applicable Requirements Checklist**

INSTALLATION NAME				FIPS	PLANT NO.	YEAR SUBMITTED
<b>KANSAS CITY HEALTH DEPARTMENT, AIR QUALITY PROGRAM</b> <b>KANSAS CITY LOCAL ORDINANCES</b> (NOTE: PLEASE INCLUDE FORM OP-B06 IF LOCATED WITHIN THE CITY LIMITS OF KANSAS CITY, MISSOURI.)						
APPLICABILITY			TITLE	ORGANIZATION		
YES	NO	REASON	SECTION			
			8-2	Definitions <sup>3</sup>		
			8-3	Administration and Enforcement <sup>4</sup>		
			8-4	Open Burning Restriction <sup>3</sup>		
			8-5	Emission of Particulate Matter <sup>3</sup>		
			8-6	Restriction of Emission of Sulfur Compounds <sup>4</sup>		
			8-7	Restriction of Emission of Odors <sup>4</sup>		
			8-8	Emission of Volatile Organic Compounds <sup>4</sup>		
			8-9	Restriction of Emission of Hazardous Air Pollutants <sup>4</sup>		
			8-10	Review of New Sources and Modifications; Permit for Construction or Major Modification <sup>4</sup>		
			8-11	Permit to Operate; Notification and Record Keeping <sup>4</sup>		
			8-12	Air Quality Control Board; Appeals and Variances <sup>4</sup>		
			8-13	Confidentiality Information <sup>4</sup>		
			8-14	Dilution of Emission <sup>4</sup>		
			8-15	Start-up, Shutdown, and Malfunction Condition <sup>4</sup>		
			8-16	Actionable Rights; Violations Declared Public Nuisance <sup>4</sup>		
			8-17	Emergency Condition <sup>4</sup>		
			8-18	Rules for Controlling Emissions During Periods of High Air Pollution Potential <sup>4</sup>		
			8-19	Penalties <sup>4</sup>		
			8-20	Fees <sup>4</sup>		
			18-85	Open Burning Restrictions <sup>4</sup>		
<sup>3</sup> Only Federally Enforced Regulation <sup>4</sup> Only Local Agency Enforced Regulation						

FORM OP-B07 – APPLICABLE REQUIREMENTS CHECKLIST – SECTION B				
B07.00 – Applicable Requirements Checklist				
INSTALLATION NAME			FIPS	PLANT NO.
				YEAR SUBMITTED
<b>OUTSTATE MISSOURI AREA</b> (NOTE: PLEASE INCLUDE FORM OP-B07.00 ONLY IF <u>NOT</u> LOCATED AT FOLLOWING LOCATIONS: CITY OF ST. LOUIS, JEFFERSON, FRANKLIN, ST. CHARLES, CLAY, CASS, BUCHANAN, RAY, JACKSON, PLATTE, AND GREENE COUNTIES)				
<b>1. CORE REQUIREMENTS</b>				
TITLE		ORGANIZATION		
10 CSR 10-3.030		Open Burning Restrictions <sup>1</sup>		
10 CSR 10-3.090		Restrictions of Emission of Odors <sup>2</sup>		
<b>2. APPLICABLE REQUIREMENTS</b>				
APPLICABILITY			TITLE	ORGANIZATION
YES	NO	REASON		
			10 CSR 10-3.010	Auto Exhaust Emission Controls <sup>1</sup>
			10 CSR 10-3.060	Maximum Allowable Emissions of Particulate Matter From Fuel Burning Equipment Used for Indirect Heating <sup>1</sup>
			10 CSR 10-3.160	Restriction of Emission of Fluorides From Diammonium Phosphate Fertilizer Production <sup>1</sup>
<sup>1</sup> Federal, State and Local Agency Enforceable Regulation <sup>2</sup> State and Local Agency Enforceable Regulation				

FORM OP-B08 – APPLICABLE REQUIREMENTS CHECKLIST – SECTION B				
B08.00 – Applicable Requirements Checklist				
INSTALLATION NAME			FIPS	PLANT NO.
				YEAR SUBMITTED
<b>SPRINGFIELD - GREENE COUNTY AREA</b> (NOTE: PLEASE INCLUDE FORM OP-B08.00 IF LOCATED WITHIN GREENE COUNTY)				
<b>1. STATE ADMINISTRATIVE PERMIT REQUIREMENTS</b>				
APPLICABILITY			TITLE	ORGANIZATION
YES	NO	REASON		
	X	J	10 CSR 10-4.140	Time Schedule for Compliance <sup>1</sup>
<b>2. CORE PERMIT REQUIREMENTS</b>				
TITLE			ORGANIZATION	
10 CSR 10-4.070			Restriction of Emission of Odors <sup>2</sup>	
10 CSR 10-4.090			Open Burning Restrictions <sup>1</sup>	
<b>3. APPLICABLE REQUIREMENTS</b>				
APPLICABILITY			TITLE	ORGANIZATION
YES	NO	REASON		
			10 CSR 10-4.040	Maximum Allowable Emission of Particulate Matter From Fuel Burning Equipment Used for Indirect Heating <sup>1</sup>
<sup>1</sup> Federal, State and Local Agency Enforceable Regulation <sup>2</sup> State and Local Agency Enforceable Regulation				

FORM OP-B09 – APPLICABLE REQUIREMENTS CHECKLIST – SECTION B				
B09.00 – Applicable Requirements Checklist				
INSTALLATION NAME			FIPS	PLANT NO.
				YEAR SUBMITTED
CITY OF SPRINGFIELD, AIR POLLUTION CONTROL AUTHORITY				
LOCAL ORDINANCES				
(NOTE: PLEASE INCLUDE FORM OP-B09.00 IF LOCATED WITHIN THE CITY LIMITS OF SPRINGFIELD, MISSOURI.)				
APPLICABILITY			ARTICLE, DIVISION	ORGANIZATION
YES	NO	REASON		
			Article I	In General <sup>4</sup>
			Article II	Administration and Enforcement <sup>4</sup>
			Article II, Division 1	Generally <sup>4</sup>
			Article II, Division 2	Approval of Planned Installations <sup>4</sup>
			Article II, Division 3	Submission of Information <sup>4</sup>
			Article II, Division 4	Hearings <sup>4</sup>
			Article II, Division 5	Service of Orders or Notices <sup>4</sup>
			Article II, Division 6	Enforcement <sup>4</sup>
			Article II, Division 7	Test Methods and Tables <sup>4</sup>
			Article II, Division 8	Stack Emission Test Method <sup>4</sup>
			Article III	Emission Restrictions <sup>4</sup>
			Article III, Division 1	Generally <sup>4</sup>
			Article III, Division 2	Visible Air Contaminants from Equipment <sup>4</sup>
			Article III, Division 3	Particulate Matter from Fuel Burning Equipment <sup>4</sup>
			Article III, Division 4	Particulate Matter From Industrial Processes <sup>4</sup>
			Article IV	Open Burning <sup>4</sup>
			Article V	Incinerators <sup>4</sup>
			Article VI	Ambient Air Odor Control <sup>4</sup>
			Article VII	Air Pollution Nuisances <sup>4</sup>
			Article VIII	Sealing <sup>4</sup>
			Article IX	Breakdown of Equipment <sup>4</sup>
			Article X	Circumvention <sup>4</sup>
APPLICABILITY			ARTICLE, SECTION	THE BELOW CITY OF SPRINGFIELD ORDINANCE SECTIONS HAVE BEEN RESCINDED FROM THE CITY'S CODE, BUT ARE STILL IN THE SIP AND ARE FEDERALLY ENFORCEABLE
YES	NO	REASON		
			Article I, §2A-2	Definitions.
			Article VII, §2A-25	Stack emission test methods in general. <sup>3</sup>
			Article IX, §2A-34	Prohibition of single chamber incinerators. <sup>3</sup>
			Article IX, §2A-35	Maximum emission limitations from incinerators. <sup>3</sup>
			Article IX, §2A-36	Determination of burning capacity of an incinerator. <sup>3</sup>
			Article IX, §2A-37	Determination of particulate matter emitted from an incinerator. <sup>3</sup>
			Article IX, §2A-38	Time limit for existing incinerators to be brought into compliance. <sup>3</sup>
			Article XX, §2A-51	ASTM test method C-24-56, being a method of testing for "Pyrometric Cone Equivalent (PCE) of Refractory Materials." <sup>3</sup>
			Article XX, §2A-55	ASTM method PTC-21-1941 on "Dust Separating Apparatus." <sup>3</sup>
			Article XX, §2A-56	ASTM method PTC-27-1957 on "Determining Dust Concentration in a Gas Stream." <sup>3</sup>

<sup>3</sup> Only Federally Enforced Regulation  
<sup>4</sup> Only Local Agency Enforced Regulation

FORM OP-B10 – APPLICABLE REQUIREMENTS CHECKLIST – SECTION B				
B10.00 – Applicable Requirements Checklist				
INSTALLATION NAME			FIPS	PLANT NO.
YEAR SUBMITTED				
<b>ST. LOUIS METROPOLITAN AREA</b> (NOTE: PLEASE INCLUDE FORM OP-B10.00 IF LOCATED WITHIN: CITY OF ST. LOUIS AREA, AND COUNTIES: ST. CHARLES, JEFFERSON, ST. LOUIS, AND FRANKLIN)				
<b>1. STATE ADMINISTRATIVE PERMIT REQUIREMENTS</b>				
APPLICABILITY			TITLE	ORGANIZATION
YES	NO	REASON		
	X	J	10 CSR 10-5.130	Certain Coals to be washed <sup>1</sup>
	X	J	10 CSR 10-5.250	Time Schedule for Compliance <sup>1</sup>
	X	J	10 CSR 10-5.375	Motor Vehicle Emission Inspection Waiver <sup>2</sup>
	X	J	10 CSR 10-5.380	Motor Vehicle Emissions Inspection <sup>1</sup>
	X	J	10 CSR 10-5.480	Conformity to State or Federal Implementation Plans of Transportation Plans, Programs, and Projects Developed, Funded, or Approved Under Title 23 U.S.C. or the Federal Transit Laws <sup>1</sup>
<b>2. CORE PERMIT REQUIREMENTS</b>				
TITLE			ORGANIZATION	
10 CSR 10-5.070			Open Burning Restrictions <sup>1</sup>	
10 CSR 10-5.160			Control of Odors in the Ambient Air <sup>2</sup>	
<b>3. APPLICABLE REQUIREMENTS</b>				
APPLICABILITY			TITLE	ORGANIZATION
YES	NO	REASON		
			10 CSR 10-5.030	Maximum Allowable Emission of Particulate Matter From Fuel Burning Equipment Used for Indirect Heating <sup>1</sup>
			10 CSR 10-5.040	Use of Fuel in Hand-Fired Equipment Prohibited <sup>1</sup>
			10 CSR 10-5.080	Incinerators <sup>3</sup>
			10 CSR 10-5.120	Information on Sales of Fuels (Coal and Residual Fuel Oil) to be Provided and Maintained <sup>1</sup>
			10 CSR 10-5.170	Control of Odors From Processing of Animal Matter <sup>2</sup>
			10 CSR 10-5.180	Emission of Visible Air Contaminants from Internal Combustion Engines <sup>3</sup>
			10 CSR 10-5.220	Control of Petroleum Liquid Storage, Loading and Transfer <sup>1</sup>
			10 CSR 10-5.240	Additional Air Quality Control Measures May be Required When Sources Are Clustered in a Small Land Area <sup>1</sup>
			10 CSR 10-5.290	More Restrictive Emission Limitations for Particulate Matter in the South St. Louis Area <sup>1</sup>
			10 CSR 10-5.295	Control of Emissions From Aerospace Manufacture and Rework Facilities <sup>1</sup>
			10 CSR 10-5.300	Control of Emissions From Solvent Metal Cleaning <sup>1</sup>
			10 CSR 10-5.310	Liquefied Cutback Asphalt Paving Restricted <sup>1</sup>
			10 CSR 10-5.320	Control of Emissions From Perchloroethylene Dry Cleaning Installations <sup>3</sup>
			10 CSR 10-5.330	Control of Emissions From Industrial Surface Coating Operations <sup>1</sup>
			10 CSR 10-5.340	Control of Emissions From Rotogravure and Flexographic Printing Facilities <sup>1</sup>
			10 CSR 10-5.350	Control of Emissions From Manufacture of Synthesized Pharmaceutical Products <sup>1</sup>
			10 CSR 10-5.360	Control of Emissions From Polyethylene Bag Sealing Operations <sup>1</sup>
			10 CSR 10-5.370	Control of Emissions From the Application of Deadeners and Adhesives <sup>1</sup>
			10 CSR 10-5.390	Control of Emissions From Manufacture of Paints, Varnishes, Lacquers, Enamels and Other Allied Surface Coating Products <sup>1</sup>
			10 CSR 10-5.410	Control of Emissions From Manufacture of Polystyrene Resin <sup>1</sup>
			10 CSR 10-5.420	Control of Equipment Leaks From Synthetic Organic Chemical and Polymer Manufacturing Plants <sup>1</sup>
			10 CSR 10-5.430	Control of Emissions From the Surface Coating of Chrome-Plated and Resist Plastic Parts <sup>2</sup>
			10 CSR 10-5.440	Control of Emissions From Bakery Ovens <sup>1</sup>
			10 CSR 10-5.442	Control of Emissions From Lithographic Printing Operations <sup>1</sup>
			10 CSR 10-5.450	Control of VOC Emissions From Traffic Coatings <sup>1</sup>
			10 CSR 10-5.451	Control of Emissions From Aluminum Foil Rolling <sup>1</sup>
			10 CSR 10-5.455	Control of Emissions From Solvent Cleanup Operations <sup>1</sup>
			10 CSR 10-5.490	Municipal Solid Waste Landfills <sup>1</sup>
<sup>1</sup> Federal, State and Local Agency Enforceable Regulation <sup>2</sup> State and Local Agency Enforceable Regulation <sup>3</sup> Only Federally Enforced Regulation				

**FORM OP-B10 – APPLICABLE REQUIREMENTS CHECKLIST – SECTION B****B10.00 – Applicable Requirements Checklist**

INSTALLATION NAME	FIPS	PLANT NO.	YEAR SUBMITTED
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**ST. LOUIS METROPOLITAN AREA (CONTINUED)**

(NOTE: PLEASE INCLUDE FORM OP-B10.00 IF LOCATED WITHIN: CITY OF ST. LOUIS AREA, AND COUNTIES:  
ST. CHARLES, JEFFERSON, ST. LOUIS, AND FRANKLIN)

**3. APPLICABLE REQUIREMENTS**

APPLICABILITY			TITLE	ORGANIZATION
YES	NO	REASON		
			10 CSR 10-5.500	Control of Emissions From Volatile Organic Liquid Storage <sup>1</sup>
			10 CSR 10-5.510	Control of Emissions of Nitrogen Oxides <sup>1</sup>
			10 CSR 10-5.520	Control of Volatile Organic Compound Emissions From Existing Major Sources <sup>1</sup>
			10 CSR 10-5.530	Control of Volatile Organic Compound Emissions From Wood Furniture Manufacturing Operations <sup>1</sup>
			10 CSR 10-5.540	Control of Emissions From Batch Process Operations <sup>1</sup>
			10 CSR 10-5.550	Control of Volatile Organic Compound Emissions From Reactor Processes and Distillation Operations Processes in the Synthetic Organic Chemical Manufacturing Process <sup>1</sup>

<sup>1</sup> Federal, State and Local Agency Enforceable Regulation

<sup>2</sup> State and Local Agency Enforceable Regulation



**FORM OP-B11 – APPLICABLE REQUIREMENTS CHECKLIST – SECTION B**
**B11.00 – Applicable Requirements Checklist**

INSTALLATION NAME			FIPS	PLANT NO.	YEAR SUBMITTED
<b>ST. LOUIS COUNTY DEPARTMENT OF HEALTH, AIR, LAND, &amp; WATER BRANCH</b> <b>AIR POLLUTION CONTROL SECTION CHAPTER 612 – AIR POLLUTION CONTROL CODE</b> <b>ST. LOUIS COUNTY LOCAL ORDINANCES</b> (NOTE: PLEASE INCLUDE FORM OP-B11.00 IF LOCATED WITHIN ST. LOUIS COUNTY.)					
APPLICABILITY			TITLE	ORGANIZATION	
YES	NO	REASON			
			612.010	Short Title <sup>4</sup>	
			612.020	Scope <sup>4</sup>	
			612.030	Definitions <sup>4</sup>	
			612.040	Air Quality Standards and Air Pollution Control Regulations <sup>4</sup>	
			612.050	Enforcement, By Whom <sup>4</sup>	
			612.060	Director of Air Pollution – Duties <sup>4</sup>	
			612.070	Appeal Board Establishment <sup>4</sup>	
			612.080	Duties of Appeal Board <sup>4</sup>	
			612.090	Board of Consider Appeal <sup>4</sup>	
			612.100	Emergency Abatement of Violation-Procedure <sup>4</sup>	
			612.110	Permits Required <sup>4</sup>	
			612.120	Permits to be Visibly Affixed or Placed <sup>4</sup>	
			612.130	Permit to sell or rent <sup>4</sup>	
			612.140	Transfer <sup>4</sup>	
			612.150	Permit to Operate- When Required <sup>4</sup>	
			612.160	General Requirements for Applications for Authority to Construct and Operating Permits <sup>4</sup>	
			612.170	Information Required for Application for Permits <sup>4</sup>	
			612.180	Standards for Granting Permits <sup>4</sup>	
			612.190	Cancellation of Authority to Construct <sup>4</sup>	
			612.200	Testing Prior to granting of Operating Permits <sup>4</sup>	
			612.210	Action on Application for Permits <sup>4</sup>	
			612.220	Suspension or Revocation of Permits <sup>4</sup>	
			612.230	Suspension or Revocation of Operating Permits or Authority to Construct, Board Hearing, Stay of Action <sup>4</sup>	
			612.240	Surrender of Permits <sup>4</sup>	
			612.250	Fees, When Payable, Exceptions <sup>4</sup>	
			612.260	Permit Fees; Schedules <sup>4</sup>	
			612.270	Permit Fees; Refund <sup>4</sup>	
			612.280	Testing by order of the Board <sup>4</sup>	
			612.290	Right of Entry; Inspections; Samples <sup>4</sup>	
			612.300	Variances <sup>4</sup>	
			612.305	Variances Granted by Director <sup>4</sup>	
			612.310	Upset Conditions, Breakdown, or Scheduled Maintenance <sup>4</sup>	
			612.320	Service of Notice <sup>4</sup>	
			612.330	Reports of Division Technical Experts; Presumptive Evidence of Facts <sup>4</sup>	
			612.335	Permitted Hours of Incinerator Operation <sup>4</sup>	
			612.340	Air Pollution Nuisances Prohibited <sup>4</sup>	
			612.350	Disclosure of Secret Processes Prohibited <sup>4</sup>	
			612.360	Disclosure of Secret Processes Prohibited. Penalty for <sup>4</sup>	
			612.370	False or Misleading Oral Statements; Unlawful Reproduction or Alteration of Documents <sup>4</sup>	
			612.380	Interfering with or Obstructing Division Personnel <sup>4</sup>	
			612.390	Penalties for Violation <sup>4</sup>	
			612.400	Construction <sup>4</sup>	
			612.410	Incinerators <sup>4</sup>	
			612.420	Incinerator Stack; Emergency Vent Stack Use <sup>4</sup>	
			612.430	Recycling Requirements for Incineration of Waste <sup>4</sup>	
			612.440	Preparation and Submission of Plan for Recycling <sup>4</sup>	
			612.450	Use of Recycled Goods in Lieu of Recycling <sup>4</sup>	

<sup>4</sup> Only Local Agency Enforced Regulation

**FORM OP-B11 – APPLICABLE REQUIREMENTS CHECKLIST – SECTION B****B11.00 – Applicable Requirements Checklist**

INSTALLATION NAME	FIPS	PLANT NO.	YEAR SUBMITTED
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**ST. LOUIS COUNTY DEPARTMENT OF HEALTH, AIR, LAND, & WATER BRANCH  
AIR POLLUTION CONTROL SECTION CHAPTER 612 – AIR POLLUTION CONTROL CODE  
ST. LOUIS COUNTY LOCAL ORDINANCES (CONTINUED)**

(NOTE: PLEASE INCLUDE FORM OP-B11.00 IF LOCATED WITHIN ST. LOUIS COUNTY.)

APPLICABILITY			TITLE	ORGANIZATION
YES	NO	REASON		
			612.460	Use of Reusable Materials in Lieu of Recycling <sup>4</sup>
			612.470	Approval of Plan for Recycling <sup>4</sup>
			612.480	Modification of Existing Plan <sup>4</sup>
			612.490	Appeal from Decision of Director Disapproving Plan <sup>4</sup>
			612.500	Compliance with Plan <sup>4</sup>
			612.510	“Recyclable” Defined <sup>4</sup>
			612.520	Reduction in Quantity of Waste Prior to Incineration <sup>4</sup>
			612.530	Saint Louis County Department of Health Asbestos Abatement Rules and Regulations –Registration, Notification, and Performance Requirements <sup>4</sup>

<sup>4</sup> Only Local Agency Enforced Regulation

**FORM OP-B12 – APPLICABLE REQUIREMENTS CHECKLIST – SECTION B****B12.00 – Applicable Requirements Checklist**

INSTALLATION NAME	FIPS	PLANT NO.	YEAR SUBMITTED
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**CITY OF ST. LOUIS, DIVISION OF AIR POLLUTION CONTROL  
ST. LOUIS CITY ORDINANCES**

(NOTE: PLEASE INCLUDE FORM OP-B12.00 IF LOCATED WITHIN ST. LOUIS CITY.)

APPLICABILITY			TITLE ORDINANCE 64749 SECTION	ORGANIZATION (INCLUDES ORDINANCE 65108: AMENDED SECTIONS 16 AND 24 AND ORDINANCE 65488: AMENDED SECTION 26)
YES	NO	REASON		
			1	Adoption <sup>4</sup>
			2	Name <sup>4</sup>
			3	Policy Statement <sup>4</sup>
			4	Statement of Delegated Authority <sup>4</sup>
			5	Division Re-established <sup>4</sup>
			6	Continuation of Existing Actions <sup>4</sup>
			7	Definitions <sup>3</sup>
			8	Commissioner Qualifications <sup>4</sup>
			9	Commissioner Powers and Duties <sup>4</sup>
			10	Board of Appeals and Variance Review <sup>4</sup>
			11	Variances <sup>4</sup>
			12	Commissioner to Approve Construction, Alteration and Demolition Plans <sup>4</sup>
			13	Community Alert <sup>4</sup>
			14	Source-Specific Emergency Procedures <sup>4</sup>
			15	Air Pollution Nuisance Prohibited <sup>4</sup>
			16	Restrictions of Emission of Visible Air Contaminants <sup>4</sup>
			17	Open Burning Restrictions <sup>3</sup>
			18	Incinerators <sup>4</sup>
			19	Prevention of Airborne Particulate Matter <sup>4</sup>
			20	Abrasive Blasting <sup>4</sup>
			21	Source Registration Permits Required <sup>4</sup>
			22	Inspection, Disclosure, and Submittal of Requested Information <sup>4</sup>
			23	Cooperation of Local Government Agencies Required <sup>4</sup>
			24	Enforcement <sup>4</sup>
			25	Upset Conditions, Breakdowns, or Scheduled Maintenance <sup>4</sup>
			26	Performance Based Fee Schedule <sup>4</sup>
			27	Severability <sup>4</sup>
			28	Penalty Clause <sup>4</sup>
			29	Section Sixteen, C. Effective Date <sup>4</sup>
			30	Emergency Clause <sup>4</sup>

<sup>3</sup> Only Federally Enforced Regulation

<sup>4</sup> Only Local Agency Enforced Regulation

**FORM OP-C01 – INSIGNIFICANT ACTIVITIES REQUIRED TO BE LISTED – SECTION C****C01.00 – INSIGNIFICANT ACTIVITIES**

FOR PART 70 APPLICATIONS ONLY.

INSTALLATION NAME		FIPS		PLANT NO.		YEAR SUBMITTED	
INSIGNIFICANT ACTIVITY		POTENTIAL ESTIMATED EMISSIONS (TONS/YR)					
EMISSION UNIT ID	PM <sub>10</sub>	SO <sub>x</sub>	NO <sub>x</sub>	VOC	CO	LEAD	HAPS
DESCRIPTION							
EMISSION UNIT ID	PM <sub>10</sub>	SO <sub>x</sub>	NO <sub>x</sub>	VOC	CO	LEAD	HAPS
DESCRIPTION							
EMISSION UNIT ID	PM <sub>10</sub>	SO <sub>x</sub>	NO <sub>x</sub>	VOC	CO	LEAD	HAPS
DESCRIPTION							
EMISSION UNIT ID	PM <sub>10</sub>	SO <sub>x</sub>	NO <sub>x</sub>	VOC	CO	LEAD	HAPS
DESCRIPTION							
EMISSION UNIT ID	PM <sub>10</sub>	SO <sub>x</sub>	NO <sub>x</sub>	VOC	CO	LEAD	HAPS
DESCRIPTION							
EMISSION UNIT ID	PM <sub>10</sub>	SO <sub>x</sub>	NO <sub>x</sub>	VOC	CO	LEAD	HAPS
DESCRIPTION							
EMISSION UNIT ID	PM <sub>10</sub>	SO <sub>x</sub>	NO <sub>x</sub>	VOC	CO	LEAD	HAPS
DESCRIPTION							
DUPLICATE THIS FORM AS NEEDED							

## D01.00 – EXISTING PLANT-WIDE CONDITIONS

INSTALLATION NAME	FIPS	PLANT NO.	YEAR SUBMITTED
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[illegible][illegible]

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INCLUDE A BLANK FORM WHEN NO EXISTING PLANT-WIDE CONDITIONS ARE APPLICABLE

### PROPOSED CONDITION

[illegible]

**DUPLICATE THIS FORM AS NEEDED**

### D03.00 – GENERAL EMISSION UNITS

**DUPLICATE THIS FORM AS NEEDED**

FORM OP-D03 – EMISSION UNIT INFORMATION – SECTION D			
D03.10 – BOILERS, FURNACES AND OTHER INDIRECT HEATING SOURCES			
INSTALLATION NAME		FIPS	PLANT NO.
EMISSION UNIT ID		EIQ REFERENCE NUMBER (ID)	SOURCE CLASSIFICATION CODE (SCC)
<b>1. EMISSION UNIT DESCRIPTION</b>			
INSTALLATION'S NAME FOR THIS EMISSION UNIT			
DESCRIPTION OF EMISSION UNIT:			
MANUFACTURER		Model No./Serial No.	
CONSTRUCTION DATE / /		MAXIMUM HOURLY DESIGN RATE MM BTU/hr	
<b>2. FUEL DATA</b>			
PRIMARY FUEL TYPE & GRADE		MAXIMUM SULFUR CONTENT %	
SECONDARY FUEL TYPE & GRADE		MAXIMUM SULFUR CONTENT %	
<b>3. ASSOCIATED AIR POLLUTION CONTROL EQUIPMENT</b>			
CONTROL DEVICE TYPE		POLLUTANT(S) CONTROLLED	CONTROL EFFICIENCY %
ADDITIONAL CONTROL DEVICE TYPE		POLLUTANT(S) CONTROLLED	CONTROL EFFICIENCY %
<b>4. APPLICABLE REQUIREMENTS</b>			
POLLUTANT	APPLICABLE REQUIREMENT AUTHORITY (CSR#, CFR#, PERMIT NO., ETC.)	EMISSION LIMIT OR STANDARD (INCLUDING UNITS)	
DUPLICATE THIS FORM AS NEEDED			



FORM OP-D03 – EMISSION UNIT INFORMATION – SECTION D			
D03.20 – COMBUSTION TURBINES AND INTERNAL COMBUSTION ENGINES			
INSTALLATION NAME		FIPS	PLANT NO.
YEAR SUBMITTED			
EMISSION UNIT ID	EQ REFERENCE NUMBER (ID)	SOURCE CLASSIFICATION CODE (SCC)	
<b>1. EMISSION UNIT DESCRIPTION</b>			
INSTALLATION'S NAME FOR THIS EMISSION UNIT			
DESCRIPTION OF EMISSION UNIT:			
MANUFACTURER		MODEL NO./SERIAL NO.	
CONSTRUCTION DATE	/ /	MAXIMUM HOURLY DESIGN RATE	
		MM BTU/hr	
DESIGN RATED POWER OUTPUT	UNITS	MAXIMUM OPERATIONAL POWER OUTPUT	UNITS
<b>2. FUEL DATA</b>			
PRIMARY FUEL TYPE & GRADE		MAXIMUM SULFUR CONTENT	
		%	
SECONDARY FUEL TYPE & GRADE		MAXIMUM SULFUR CONTENT	
		%	
<b>3. ASSOCIATED AIR POLLUTION CONTROL EQUIPMENT</b>			
CONTROL DEVICE TYPE		POLLUTANT(S) CONTROLLED	CONTROL EFFICIENCY
			%
ADDITIONAL CONTROL DEVICE TYPE		POLLUTANT(S) CONTROLLED	CONTROL EFFICIENCY
			%
<b>4. APPLICABLE REQUIREMENTS</b>			
POLLUTANT	APPLICABLE REQUIREMENT AUTHORITY (CSR#, CFR#, PERMIT NO., ETC.)	EMISSION LIMIT OR STANDARD (INCLUDING UNITS)	
DUPLICATE THIS FORM AS NEEDED			

FORM OP-D03 – EMISSION UNIT INFORMATION – SECTION D			
D03.30 – SPRAY BOOTHS			
INSTALLATION NAME		FIPS	PLANT NO.
EMISSION UNIT ID		EQ REFERENCE NUMBER (ID)	SOURCE CLASSIFICATION CODE (SCC)
<b>1. EMISSION UNIT DESCRIPTION</b>			
INSTALLATION'S NAME FOR THIS EMISSION UNIT			
DESCRIPTION OF EMISSION UNIT:			
MANUFACTURER		MODEL NO./SERIAL NO.	
CONSTRUCTION DATE <div style="text-align: center;">/      /</div>		MAXIMUM HOURLY DESIGN RATE <div style="text-align: right;">GALLONS/HR</div>	
STACK NO.	TEMPERATURE <div style="text-align: right;">°F</div>		FLOW RATE <div style="text-align: right;">FT<sup>3</sup>/MIN</div>
<b>2. COATING DATA</b>			
COATING NAME WITH HIGHEST DENSITY		DENSITY <div style="text-align: right;">POUNDS/GALLON</div>	
COATING NAME WITH HIGHEST PERCENT SOLIDS BY WEIGHT		PERCENT SOLIDS BY WEIGHT <div style="text-align: right;">%</div>	
COATING APPLICATION METHOD		TRANSFER EFFICIENCY <div style="text-align: right;">%</div>	
ALTERNATE COATING APPLICATION METHOD		ALTERNATE TRANSFER EFFICIENCY <div style="text-align: right;">%</div>	
<b>3. ASSOCIATED AIR POLLUTION CONTROL EQUIPMENT</b>			
CONTROL DEVICE TYPE	POLLUTANT(S) CONTROLLED	CONTROL EFFICIENCY <div style="text-align: right;">%</div>	CAPTURE EFFICIENCY <div style="text-align: right;">%</div>
ADDITIONAL CONTROL DEVICE TYPE	POLLUTANT(S) CONTROLLED	CONTROL EFFICIENCY <div style="text-align: right;">%</div>	CAPTURE EFFICIENCY <div style="text-align: right;">%</div>
<b>4. APPLICABLE REQUIREMENTS</b>			
POLLUTANT	APPLICABLE REQUIREMENT AUTHORITY (CSR#, CFR#, PERMIT NO., ETC.)	EMISSION LIMIT OR STANDARD (INCLUDING UNITS)	
<b>DUPLICATE THIS FORM AS NEEDED</b>			

#### D04.00 – ALTERNATE OPERATING SCENARIO/VOLUNTARY CONDITIONS

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FORM OP-D05 – COMPLIANCE DETERMINATION METHODS – SECTION D			
D05.00 – COMPLIANCE DETERMINATION			
INSTALLATION NAME		FIPS	PLANT NO.
			YEAR SUBMITTED
EMISSION UNIT ID		EIQ REFERENCE NUMBER (ID)	SOURCE CLASSIFICATION CODE (SCC)
<b>1. APPLICABLE REQUIREMENT</b>			
APPLICABLE REQUIREMENT		POLLUTANT(S)	
EMISSION LIMITATION OR STANDARD			
<b>2. TESTING</b>			
DATE		TEST METHOD	
/ /			
SUMMARY OF RESULTS			
<b>3. MONITORING</b>			
PARAMETER MONITORED		MONITORING METHOD	
MONITORING SCHEDULE			
<b>4. Record Keeping</b>			
PARAMETER RECORDED		RECORD KEEPING METHOD	
RECORD KEEPING SCHEDULE			
<b>5. Reporting</b>			
REPORTING REQUIREMENT		REPORTING SCHEDULE	
DUPLICATE THIS FORM AS NEEDED			

**FORM OP-D06 – CORE PERMIT REQUIREMENTS – SECTION D****D06.00 – CORE PERMIT REQUIREMENTS (NOTE: THIS IS A REQUIRED FORM FOR ALL PERMIT APPLICATIONS)**

INSTALLATION NAME

FIPS

PLANT NO.

YEAR SUBMITTED

THE INSTALLATION SHALL COMPLY WITH EACH OF THE FOLLOWING EMISSION LIMITATIONS. CONSULT THE APPROPRIATE SECTIONS IN THE CODE OF FEDERAL REGULATIONS (CFR) AND CODE OF STATE REGULATIONS (CSR) FOR THE FULL TEXT OF THE APPLICABLE REQUIREMENTS.

**10 CSR 10-6.050, Start-up, Shutdown and Malfunction Conditions**

- (a) In the event of a malfunction, which results in excess emissions that exceed one hour, the permittee shall submit to the director within two business days in writing the following information:
- (1) Name and location of installation;
  - (2) Name and telephone number of person responsible for the installation;
  - (3) Name of the person who first discovered the malfunction and precise time and date that the malfunction was discovered.
  - (4) Identity of the equipment causing the excess emissions;
  - (5) Time and duration of the period of excess emissions;
  - (6) Cause of the excess emissions;
  - (7) Air pollutants involved;
  - (8) Best estimate of the magnitude of the excess emissions expressed in the units of the applicable requirement and the operating data and calculations used in estimating the magnitude;
  - (9) Measures taken to mitigate the extent and duration of the excess emissions; and
  - (10) Measures taken to remedy the situation that caused the excess emissions and the measures taken or planned to prevent the recurrence of these situations.
- (b) The permittee shall submit the paragraph (a.) information list to the director in writing at least ten (10) days prior to any maintenance, start-up or shutdown, which is expected to cause an excessive release of emissions that exceed one (1) hour. If notice of the event cannot be given ten (10) days prior to the planned occurrence, it shall be given as soon as practicable prior to the release. If an unplanned excess release of emissions exceeding one (1) hour occurs during maintenance, start-up or shutdown, the director shall be notified verbally as soon as practical during normal working hours and no later than the close of business of the following working day. A written notice shall follow within ten (10) working days.
- (c) Upon receipt of a notice of excess emissions issued by an agency holding a certificate of authority under section 643.140, RSMo, the permittee may provide information showing that the excess emissions were the consequence of a malfunction, start-up or shutdown. The information, at a minimum, should be the paragraph (a.) list and shall be submitted not later than fifteen (15) days after receipt of the notice of excess emissions. Based upon information submitted by the permittee or any other pertinent information available, the director or the commission shall make a determination whether the excess emissions constitute a malfunction, start-up or shutdown and whether the nature, extent and duration of the excess emissions warrant enforcement action under section 643.080 or 643.151, RSMo.
- (d) Nothing in this rule shall be construed to limit the authority of the director or commission to take appropriate action, under sections 643.080, 643.090 and 643.151, RSMo to enforce the provisions of the Air Conservation Law and the corresponding rule.
- (e) Compliance with this rule does not automatically absolve the permittee of liability for the excess emissions reported.

**10 CSR 10-6.060, Construction Permits Required**

The permittee shall not commence construction, modification, or major modification of any installation subject to this rule, begin operation after that construction, modification, or major modification, or begin operation of any installation which has been shut down longer than five (5) years without first obtaining a permit from the permitting authority.

**10 CSR 10-6.065, Operating Permits**

The permittee shall file for renewal of this operating permit no sooner than eighteen months, nor later than six months, prior to the expiration date of this operating permit. The permittee shall retain the most current operating permit issued to this installation on-site and shall immediately make such permit available to any Missouri Department of Natural Resources personnel upon request.

**10 CSR 10-6.080, Emission Standards for Hazardous Air Pollutants****40 CFR Part 61 Subpart M, National Emission Standard for Asbestos**

- (a) The permittee shall follow the procedures and requirements of 40 CFR Part 61, Subpart M for any activities occurring at this installation which would be subject to provisions for 40 CFR Part 61, Subpart M, National Emission Standard for Asbestos.
- (b) The permittee shall conduct monitoring to demonstrate compliance with registration, certification, notification, and Abatement Procedures and Practices standards as specified in 40 CFR Part 61, Subpart M.

**FORM OP-D06 – CORE PERMIT REQUIREMENTS – SECTION D****D06.00 – CORE PERMIT REQUIREMENTS (CONTINUED) (THIS IS A REQUIRED FORM FOR ALL PERMIT APPLICATIONS)**

INSTALLATION NAME	FIPS	PLANT NO.	YEAR SUBMITTED
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THE INSTALLATION SHALL COMPLY WITH EACH OF THE FOLLOWING EMISSION LIMITATIONS. CONSULT THE APPROPRIATE SECTIONS IN THE CODE OF FEDERAL REGULATIONS (CFR) AND CODE OF STATE REGULATIONS (CSR) FOR THE FULL TEXT OF THE APPLICABLE REQUIREMENTS.

**10 CSR 10-6.100, Alternate Emission Limits**

Proposals for alternate emission limitations shall be submitted on Alternate Emission Limits Permit forms provided by the department. An installation owner or operator must obtain an Alternate Emission Limits Permit in accordance with 10 CSR 10-6.100 before alternate emission limits may become effective.

**10 CSR 10-6.110, Submission of Emission Data, Emission Fees and Process Information**

- The permittee shall complete and submit an Emission Inventory Questionnaire (EIQ) in accordance with the requirements outlined in this rule.
- The permittee shall pay an annual emission fee per ton of regulated air pollutant emitted according to the schedule in the rule. This fee is an emission fee assessed under authority of RSMo. 643.079 to satisfy the requirements of the Federal Clean Air Act, Title V.
- The fees shall be due April 1 each year for emissions produced during the previous calendar year. The fees shall be payable to the Department of Natural Resources and shall be accompanied by the Emissions Inventory Questionnaire (EIQ) form or equivalent approved by the director.

**10 CSR 10-6.130, Controlling Emissions During Episodes of High Air Pollution Potential**

This rule specifies the conditions that establish an air pollution alert (yellow/red), watch or emergency and the associated procedures and emissions reduction objectives for dealing with each. The permittee shall submit an appropriate emergency plan if required by the Director.

**10 CSR 10-6.150, Circumvention**

The permittee shall not cause or permit the installation or use of any device or any other means which, without resulting in reduction in the total amount of air contaminant emitted, conceals or dilutes an emission or air contaminant which violates a rule of the Missouri Air Conservation Commission.

**10 CSR 10-6.170, Restriction of Particulate Matter to the Ambient Air Beyond the Premises of Origin**

- The permittee shall not cause or allow to occur any handling, transporting or storing of any material; construction, repair, cleaning or demolition of a building or its appurtenances; construction or use of a road, driveway or open area; or operation of a commercial or industrial installation without applying reasonable measures as may be required to prevent, or in a manner which allows or may allow, fugitive particulate matter emissions to go beyond the premises of origin in quantities that the particulate matter may be found on surfaces beyond the property line or origin. The nature or origin of the particulate matter shall be determined to a reasonable degree of certainty by a technique proven to be accurate and approved by the director;
- The permittee shall not cause nor allow to occur any fugitive particulate matter emissions to remain visible in the ambient air beyond the property line of origin.
- Should it be determined that noncompliance has occurred, the director may require reasonable control measures as may be necessary.

**10 CSR 10-6.180, Measurement of Emissions of Air Contaminants**

- The director may require any person responsible for the source of emission of air contaminants to make or have made tests to determine the quantity or nature, or both, of emission of air contaminants from the source. The director may specify testing methods to be used in accordance with good professional practice. The director may observe the testing. All tests shall be performed by qualified personnel.
- The director may conduct tests of emissions of air contaminants from any source. Upon request of the director, the person responsible for the source to be tested shall provide necessary ports in stacks or ducts and other safe and proper sampling and testing facilities, exclusive of instruments and sensing devices as may be necessary for proper determination of the emission of air contaminants.
- The director shall be given a copy of the test results in writing and signed by the person responsible for the tests.

**10 CSR 10-6.250, Asbestos Abatement Projects – Certification, Accreditation, and Business Exemption Requirements**

The permittee shall conduct all asbestos abatement projects within the procedures established for certification and accreditation by 10 CSR 10-6.250. This rule requires individuals who work in asbestos abatement projects to be certified by the Missouri Department of Natural Resources Air Pollution Control Program. This rule requires training providers who offer training for asbestos abatement occupations to be accredited by the Missouri Department of Natural Resources Air Pollution Control Program. This rule requires persons who hold exemption status from certain requirements of this rule to allow the department to monitor training provided to employees. Each individual who works in asbestos abatement projects must first obtain certification for the appropriate occupation from the department. Each person who offers training for asbestos abatement occupations must first obtain accreditation from the department. Certain business entities that meet the requirements for state-approved exemption status must allow the department to monitor training classes provided to employees who perform asbestos abatement.

**FORM OP-D06 – CORE PERMIT REQUIREMENTS – SECTION D****D06.00 – CORE PERMIT REQUIREMENTS (CONTINUED) (THIS IS A REQUIRED FORM FOR ALL PERMIT APPLICATIONS)**

INSTALLATION NAME	FIPS	PLANT NO.	YEAR SUBMITTED
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THE INSTALLATION SHALL COMPLY WITH EACH OF THE FOLLOWING EMISSION LIMITATIONS. CONSULT THE APPROPRIATE SECTIONS IN THE CODE OF FEDERAL REGULATIONS (CFR) AND CODE OF STATE REGULATIONS (CSR) FOR THE FULL TEXT OF THE APPLICABLE REQUIREMENTS.

**Yes No Regulation** *(Please check the appropriate response regarding applicability)*

- |                          |                          |  |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | <b>10 CSR 10-2.070</b> (Kansas City Metropolitan Area) |
| <input type="checkbox"/> | <input type="checkbox"/> | <b>10 CSR 10-3.090</b> (Outstate Area)                 |
| <input type="checkbox"/> | <input type="checkbox"/> | <b>10 CSR 10-4.070</b> (Greene County)                 |

**Restriction of Emission of Odors**

No person may cause, permit or allow the emission of odorous matter in concentrations and frequencies or for durations that odor can be perceived when one (1) volume of odorous air is diluted with seven (7) volumes of odor-free air for two (2) separate trials not less than fifteen (15) minutes apart within the period of one (1) hour.

**This requirement is not federally enforceable.**

**10 CSR 10-5.160, (Not Applicable if not in St. Louis Metropolitan Area) Restriction of Emission of Odors**

No person shall emit odorous matter as to cause an objectionable odor on or adjacent to:

- (a) Residential, recreational, institutional, retail sales, hotel or educational premises.
- (b) Industrial premises when air containing odorous matter is diluted with twenty (20) or more volumes of odor-free air; or
- (c) Premises other than those in paragraphs (1)A.1. and (2) of the rule when air containing odorous matter is diluted with four (4) or more volumes of odor-free air.

The previously mentioned requirement shall apply only to objectionable odors. An odor will be deemed objectionable when thirty percent (30%) or more of a sample of the people exposed to it believe it to be objectionable in usual places of occupancy; the sample size to be at least twenty (20) people or seventy-five percent (75%) of those exposed if fewer than twenty (20) people are exposed.

**This requirement is not federally enforceable.**

**10 CSR 10-6.280, Compliance Monitoring Usage**

- (a) The permittee is not prohibited from using the following in addition to any specified compliance methods for the purpose of submission of compliance certificates:
  - (1) Monitoring methods outlined in 40 CFR Part 64;
  - (2) Monitoring method(s) approved for the permittee pursuant to 10 CSR 10-6.065, "Operating Permits", and incorporated into an operating permit; and
  - (3) Any other monitoring methods approved by the director.
- (b) Any credible evidence may be used for the purpose of establishing whether a permittee has violated or is in violation of any such plan or other applicable requirement. Information from the use of the following methods is presumptively credible evidence of whether a violation has occurred by a permittee:
  - (1) Monitoring methods outlined in 40 CFR Part 64;
  - (2) A monitoring method approved for the permittee pursuant to 10 CSR 10-6.065, "Operating Permits", and incorporated into an operating permit; and
  - (3) Compliance test methods specified in the rule cited as the authority for the emission limitations.
- (c) The following testing, monitoring or information gathering methods are presumptively credible testing, monitoring, or information gathering methods:
  - (1) Applicable monitoring or testing methods, cited in:
    - 10 CSR 10-6.030, "Sampling Methods for Air Pollution Sources";
    - 10 CSR 10-6.040, "Reference Methods";
    - 10 CSR 10-6.070, "New Source Performance Standards";
    - 10 CSR 10-6.080, "Emission Standards for Hazardous Air Pollutants"; or
  - (2) Other testing, monitoring, or information gathering methods, if approved by the director, that produce information comparable to that produced by any method listed above.

**FORM OP-D06 – CORE PERMIT REQUIREMENTS – SECTION D****D06.00 – CORE PERMIT REQUIREMENTS (CONTINUED) (THIS IS A REQUIRED FORM FOR ALL PERMIT APPLICATIONS)**

INSTALLATION NAME	FIPS	PLANT NO.	YEAR SUBMITTED
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THE INSTALLATION SHALL COMPLY WITH EACH OF THE FOLLOWING EMISSION LIMITATIONS. CONSULT THE APPROPRIATE SECTIONS IN THE CODE OF FEDERAL REGULATIONS (CFR) AND CODE OF STATE REGULATIONS (CSR) FOR THE FULL TEXT OF THE APPLICABLE REQUIREMENTS.

**10 CSR 10-5.040, (Delete if not in St. Louis Metropolitan Area) Use of Fuel in Hand-Fired Equipment Prohibited**

It shall be unlawful to operate any hand-fired fuel-burning equipment in the St. Louis, Missouri metropolitan area. This regulation shall apply to all fuel-burning equipment including, but not limited to, furnaces, heating and cooking stoves and hot water furnaces. It shall not apply to wood-burning fireplaces and wood-burning stoves in dwellings, nor to fires used for recreational purpose, nor to fires used solely for the preparation of food by barbecuing. Hand-fired fuel-burning equipment is any stove, furnace, or other fuel-burning device in which fuel is manually introduced directly into the combustion chamber.

**Yes No Regulation (Please check the appropriate response regarding applicability)**

- |                          |                          |  |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | <b>10 CSR 10-2.100</b> (Kansas City Metropolitan Area) |
| <input type="checkbox"/> | <input type="checkbox"/> | <b>10 CSR 10-3.030</b> (Outstate Area)                 |
| <input type="checkbox"/> | <input type="checkbox"/> | <b>10 CSR 10-4.090</b> (Greene County)                 |
| <input type="checkbox"/> | <input type="checkbox"/> | <b>10 CSR 10-5.070</b> (St. Louis Metropolitan Area)   |

**Open Burning Restrictions**

- (a) The permittee shall not conduct, cause, permit or allow a salvage operation, the disposal of trade wastes or burning of refuse by open burning.
- (b) Exception - Open burning of trade waste or vegetation may be permitted only when it can be shown that open burning is the only feasible method of disposal or an emergency exists which requires open burning.
- (c) Any person intending to engage in open burning shall file a request to do so with the director. The request shall include the following:
- (1) The name, address and telephone number of the person submitting the application; The type of business or activity involved; A description of the proposed equipment and operating practices, the type, quantity and composition of trade wastes and expected composition and amount of air contaminants to be released to the atmosphere where known;
  - (2) The schedule of burning operations;
  - (3) The exact location where open burning will be used to dispose of the trade wastes;
  - (4) Reasons why no method other than open burning is feasible; and
  - (5) Evidence that the proposed open burning has been approved by the fire control authority which has jurisdiction.
- (d) Upon approval of the open burning permit application by the director, the person may proceed with the operation under the terms of the open burning permit. Be aware that such approval shall not exempt the installation from the provisions of any other law, ordinance or regulation.
- (e) The permittee shall maintain files with letters from the director approving the open burning operation and previous DNR inspection reports.

**St. Louis City Ordinance 64749, Sec 17, (Not Applicable if not in City Limits of St. Louis City) Open Burning Restrictions**

- (a) No person shall cause, suffer, allow or permit the open burning of refuse.
- (b) No person shall conduct, cause or permit the conduct of a salvage operation by open burning.
- (c) No person shall conduct, cause or permit the disposal of trade waste by open burning.
- (d) No person shall cause or permit the open burning of leaves, trees or the byproducts therefrom, grass, or other vegetation.
- (e) It shall be prima-facie evidence that the person who owns or controls property on which open burning occurs, has caused or permitted said open burning.

**10 CSR 10-5.240, (Not Applicable if not in St. Louis Metropolitan Area) Additional Air Quality Control Measures May be Required When Sources Are Clustered in a Small Land Area**

The Air Conservation Commission may prescribe more restrictive air quality control requirements that are more restrictive and more extensive than provided in regulations of general application for:

- (a) Areas in which there are one (1) or more existing sources and/or proposed new sources of particulate matter in any circular area with a diameter of two (2) miles (including sources outside metropolitan area) from which the sum of particulate emissions allowed from these sources by regulations of general application are or would be greater than two thousand (2000) tons per year or five hundred (500) pounds per hour.
- (b) Areas in which there are one (1) or more existing sources and/or proposed new sources of sulfur dioxide in any circular area with a diameter of two (2) miles from which the sum of sulfur dioxide emissions from these sources allowed by regulations of general application are or would be greater than one thousand (1000) tons for any consecutive three (3) months or one thousand (1000) pounds per hour."



**FORM OP-D06 – CORE PERMIT REQUIREMENTS – SECTION D****D06.00 – CORE PERMIT REQUIREMENTS (CONTINUED) (THIS IS A REQUIRED FORM FOR ALL PERMIT APPLICATIONS)**

INSTALLATION NAME	FIPS	PLANT NO.	YEAR SUBMITTED
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THE INSTALLATION SHALL COMPLY WITH EACH OF THE FOLLOWING EMISSION LIMITATIONS. CONSULT THE APPROPRIATE SECTIONS IN THE CODE OF FEDERAL REGULATIONS (CFR) AND CODE OF STATE REGULATIONS (CSR) FOR THE FULL TEXT OF THE APPLICABLE REQUIREMENTS.

**Title VI – 40 CFR Part 82, Protection of Stratospheric Ozone**

- (a) The permittee shall comply with the standards for labeling of products using ozone-depleting substances pursuant to 40 CFR Part 82, Subpart E:
- (1) All containers in which a class I or class II substance is stored or transported, all products containing a class I substance, and all products directly manufactured with a class I substance must bear the required warning statement if it is being introduced into interstate commerce pursuant to §82.106.
  - (2) The placement of the required warning statement must comply with the requirements pursuant to §82.108.
  - (3) The form of the label bearing the required warning statement must comply with the requirements pursuant to §82.110.
  - (4) No person may modify, remove, or interfere with the required warning statement except as described in §82.112.
- (b) The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR part 82, Subpart F, except as provided for motor vehicle air conditioners (MVACs) in Subpart B:
- (1) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to §82.156.
  - (2) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to §82.158.
  - (3) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to §82.161.
  - (4) Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with record keeping requirements pursuant to §82.166. ("MVAC-like" appliance as defined at §82.152).
  - (5) Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to §82.156.
  - (6) Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to §82.166.
- (c) If the permittee manufactures, transforms, imports, or exports a class I or class II substance, the permittee is subject to all the requirements as specified in 40 CFR part 82, Subpart A, Production and Consumption Controls.
- (d) If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR part 82, Subpart B, Servicing of Motor Vehicle Air conditioners. The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant.

The permittee shall be allowed to switch from any ozone-depleting substance to any alternative that is listed in the Significant New Alternatives Program (SNAP) promulgated pursuant to 40 CFR part 82, Subpart G, Significant New Alternatives Policy Program.

*Federal Only - 40 CFR part 82*

<b>FORM OP-E01 – COMPLIANCE PLAN/STATUS – SECTION E</b>			
<b>E01.00 – COMPLIANCE PLAN/STATUS</b>			
INSTALLATION NAME	FIPS	PLANT NO.	YEAR SUBMITTED
COMPLETION OF THIS FORM OF THE OPERATING PERMIT FORMS PACKAGE IS MANDATORY FOR ALL SOURCES. COMPLETE THIS FORM ONCE FOR EACH APPLICATION.			
<b>1. COMPLIANCE STATUS WITH ALL APPLICABLE REQUIREMENTS EFFECTIVE AT THE TIME OF THE ISSUANCE OF THIS PERMIT.</b>			
WILL YOUR INSTALLATION BE IN COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS AT THE TIME OF THE PERMIT ISSUANCE AND CONTINUE TO COMPLY WITH THESE REQUIREMENTS FOR THE DURATION OF THE PERMIT?			
YES <input type="checkbox"/> NO <input type="checkbox"/> (IF NO, COMPLETE A COMPLIANCE PLAN AS DESCRIBED IN THE INSTRUCTIONS ON FORM OP-F01.00)			
<b>2. COMPLIANCE STATUS WITH ALL APPLICABLE REQUIREMENTS EFFECTIVE DURING THE PERMIT TERM.</b>			
WILL YOUR INSTALLATION BE IN COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS TAKING EFFECT DURING THE TERM OF THE PERMIT?			
YES <input type="checkbox"/> NO <input type="checkbox"/> (IF NO, COMPLETE A COMPLIANCE PLAN AS DESCRIBED IN THE INSTRUCTIONS ON FORM OP-F01.00)			
<b>3. COMPLIANCE STATUS WITH ENHANCED MONITORING AND COMPLIANCE CERTIFICATION.</b>			
IS THE INSTALLATION IDENTIFIED IN THIS APPLICATION IN COMPLIANCE WITH ALL APPLICABLE ENHANCED MONITORING AND COMPLIANCE CERTIFICATION REQUIREMENTS?			
YES <input type="checkbox"/> NO <input type="checkbox"/> (IF NO, COMPLETE A COMPLIANCE PLAN AS DESCRIBED IN THE INSTRUCTIONS ON FORM OP-F01.00)			
<b>4. SCHEDULE OF SUBMISSION OF COMPLIANCE CERTIFICATION DURING THE PERMIT TERM.</b>			
FREQUENCY OF SUBMITTALS		BEGINNING DATE / /	
<b>5. CERTIFICATION STATEMENT FOR PART 70 MINOR PERMIT MODIFICATIONS.</b>			
I HEREBY CERTIFY THAT THIS REQUEST FOR A PERMIT MODIFICATION MEETS THE CRITERIA DESCRIBED IN 10 CSR 10-6.065(5)(E)5.B.(I) FOR MINOR PERMIT MODIFICATIONS, AND REQUEST THAT THE MINOR PERMIT MODIFICATION PROCEDURES BE FOLLOWED.			
SIGNATURE OF RESPONSIBLE OFFICIAL OF COMPANY		DATE / /	
<b>6. CERTIFICATION OF COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS.</b>			
EXCEPT FOR REQUIREMENTS IDENTIFIED IN THE ABOVE STATEMENT FOR WHICH COMPLIANCE IS NOT ACHIEVED, I HEREBY CERTIFY THAT, BASED ON INFORMATION AND BELIEF FORMED AFTER REASONABLE INQUIRY, THE AIR CONTAMINANT SOURCE IDENTIFIED IN THIS APPLICATION IS IN COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS.			
SIGNATURE OF RESPONSIBLE OFFICIAL OF COMPANY		DATE / /	
TYPE OR PRINT NAME OF RESPONSIBLE OFFICIAL Mr. <input type="checkbox"/> Ms. <input type="checkbox"/>		OFFICIAL TITLE OF RESPONSIBLE OFFICIAL	

**FORM OP-F01 – GENERAL COMMENTS – SECTION F****F01.00 – GENERAL COMMENTS**

INSTALLATION NAME

FIPS

PLANT NO.

YEAR SUBMITTED

**1. GENERAL INFORMATION****DUPLICATE THIS FORM AS NEEDED**